



TAPE IT EASY!

INSTRUCTIONS

How to play and
record stereo on the
"Tape You
Never Touch"



BELL-O-MATIC

TAPE CARTRIDGE RECORDER

Thompson Ramo Wooldridge Inc.

This is the one for fun

BELLO-MATIC

Tape Cartridge Recorder

Model 603 — Plays and Records Stereo

Model 601 — Monaural High Fidelity Tape Recorder

For home, school, business, work and FUN — this is the tape recorder with the easy-loading tape cartridge. Anyone can play it.

- Lightweight — only 18 lbs. (take it with you for fun)
- Compact — smaller than a woman's vanity case
- Stereo 'All-in-One' — the second speaker is in the lid
- Smart Looking — Professionally styled in aluminum case
- Your choice — two models for many different uses.

New easy-loading tape cartridge provides up to four hours of recording time — two hours of stereo. Tape is contained in protective plastic shell. Cartridge can be opened, if necessary, for editing and splicing of tape. Blank cartridges for recording available from all major brands. Also hear the many selections of stereo music on tape cartridge — popular, classical and jazz from Bel Canto and RCA Victor.



Easy does it!

Flip . . . it's in! Flick . . . it's on!

BELLO-MATIC Tape Cartridge Recorder

Easily the best . . . because it's easiest to play



1. Slide rear edge of cartridge under speed-change lever
2. Press cartridge gently against speed-change bar and lower firmly into position
3. Turn Operating Control to PLAY.



When tape has finished playing in one direction, it will come to an *automatic stop*. To remove cartridge, turn Operating Control to STOP position. Turn cartridge over, replace on machine and you're ready to play again! **CARTRIDGE CAN BE LOADED AND REMOVED WHILE OPERATING CONTROL IS IN STOP POSITION ONLY.**

How to RECORD and PLAY STEREO with the **BELL-O-MATIC** Tape Cartridge Recorder

RECORD YOUR OWN STEREO . . .

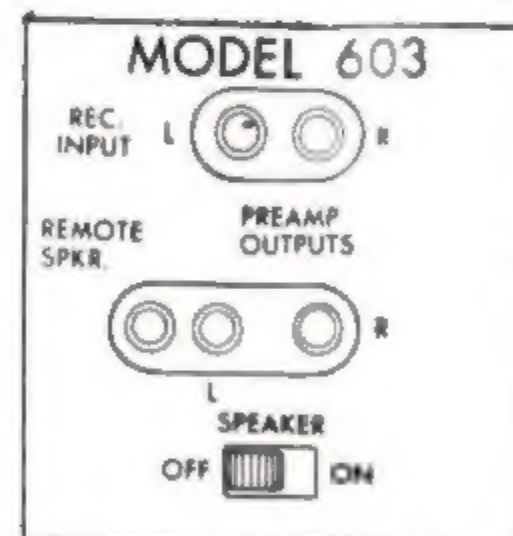
Make "live" recordings with two microphones
Copy stereo records and other stereo tapes
Build your own music library from FM Stereo
Broadcasts

Track Selector Switch in
STEREO Position



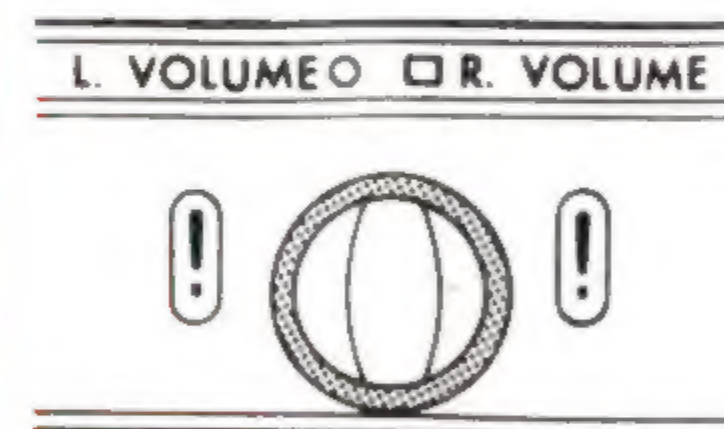
1. Press RECORD button and hold it down while moving Operation Control to PLAY position
2. Record button will automatically release when Operating Control is returned to STOP position

The Correct Volume Level is Important for Recording. Separate Volume Controls for each channel can be adjusted independently for stereo recording. If possible, make a "test" to determine the correct volume control setting before making your recording.



For recording, connect microphone. Radio tuner, tape recorder, etc., can be connected to REC inputs provided on back of the machine. Turn Speaker switch on back panel OFF when making a "live" recording or when playing machine through another amplifier-speaker system.

Make Monaural Recordings on 4 separate tracks of the tape. For complete instructions, see explanation of Monaural Recording.



A visual indication of recording is provided by two Record Level Lights. Flicker of light on average recording is indication of correct volume settings. Constant indication of light may mean you have too much record volume. Adjust level lights by individual left and right volume control.

HOW TO PLAY STEREO . . .

1. Your Bell-O-Matic Tape Cartridge Recorder is a complete "all-in-one" stereo tape recorder, with second speaker in lid.
2. If you wish, you can play your Bell-O-Matic through the amplifier and speakers of your present stereo music system.



Track Selector Switch in
STEREO Position

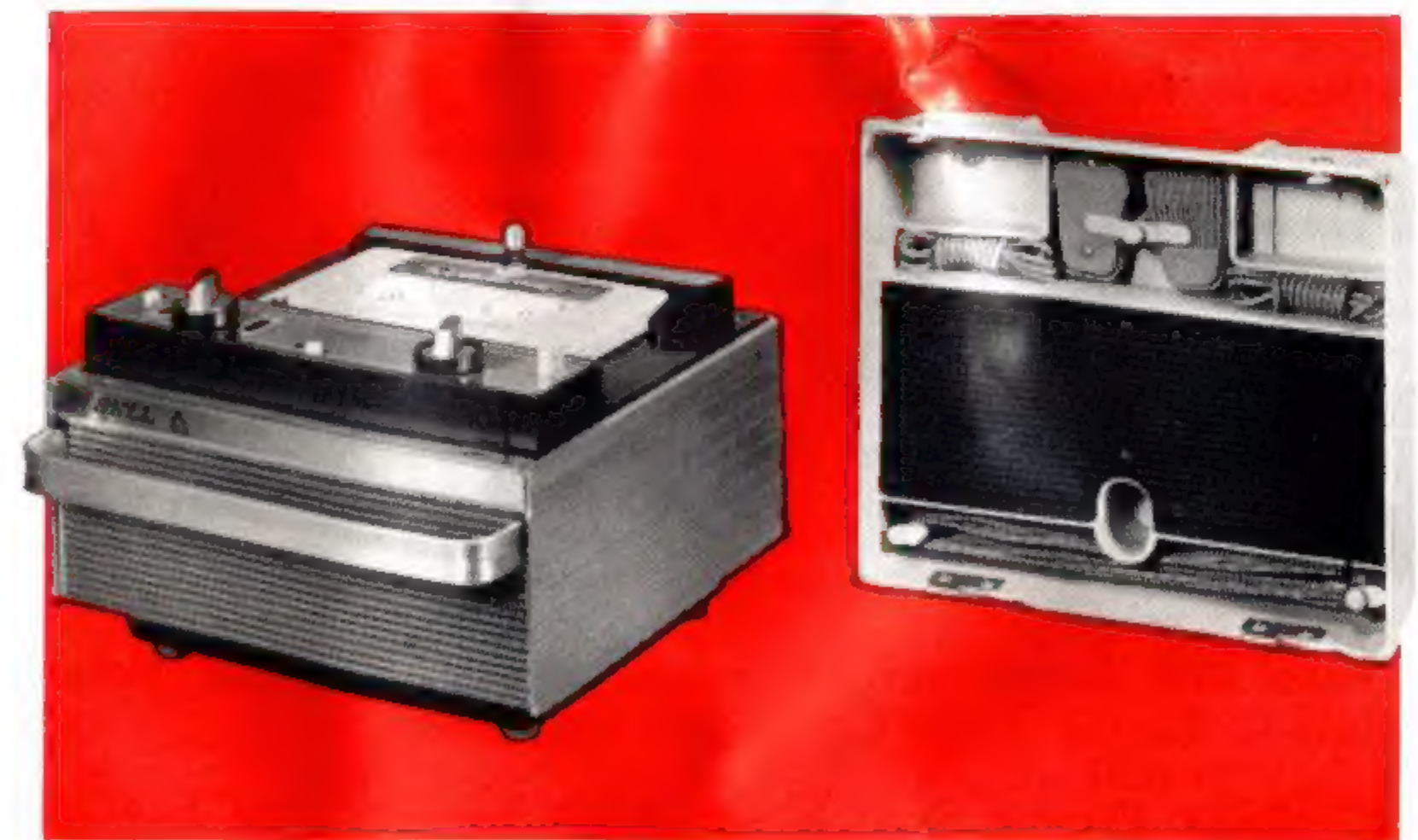
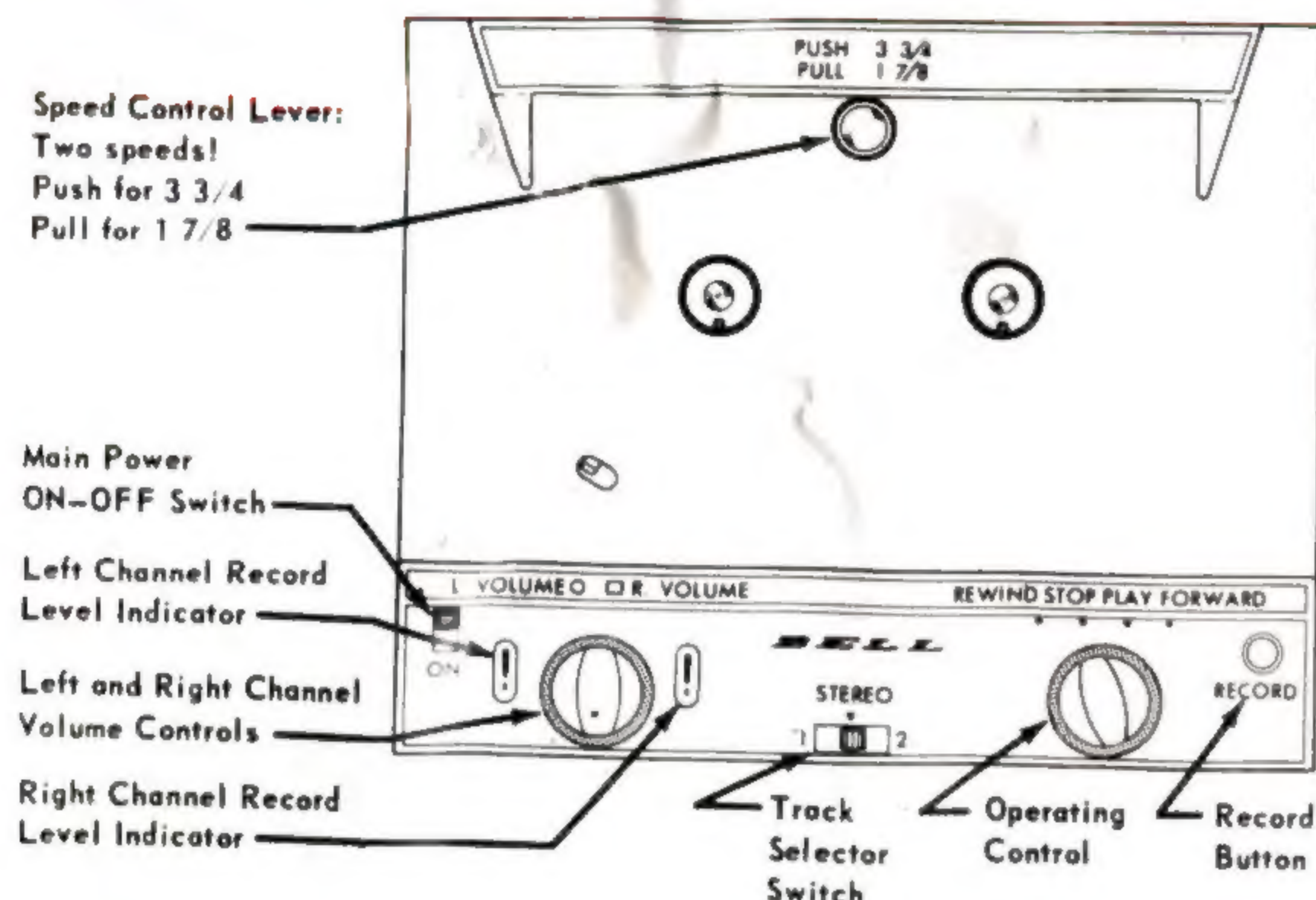


Photo above shows Bell-O-Matic Tape Cartridge Recorder ready to play stereo. Simply plug cord from right channel speaker (in lid) into Remote Speaker Jack on rear of recorder. To play the Bell-O-Matic through your present stereo system, make connection from PREAMP outputs to Auxiliary inputs of your stereo amplifier, using shielded cables.

All these **FEATURES** of the
BELL-O-MATIC Tape Cartridge
Recorder are at your fingertips.



Here are some helpful operation tips about your Bell-O-Matic Tape Cartridge Recorder

1. Main Power Switch must be turned ON before operating machine.
2. Track selector switch must be in STEREO position for stereo playback and recording.
3. Volume control has outer ring and center knob for left and right channel volume adjustment.
4. REWIND and FORWARD positions of Operating Control moves tape at high speed in either direction inside the cartridge.

Now the new **BELL-O-MATIC**
Tape Cartridge Recorder gives you
MORE FUN FOR YOUR MONEY.

More Stereo Recording time — because now you can record and playback on 4 separate tracks of the cartridge. For stereo, you play the first pair of tracks as tape moves in one direction. Flip the cartridge over — and you're ready to play the second pair of stereo tracks.

Make Monaural Recordings on Four Separate Tracks.

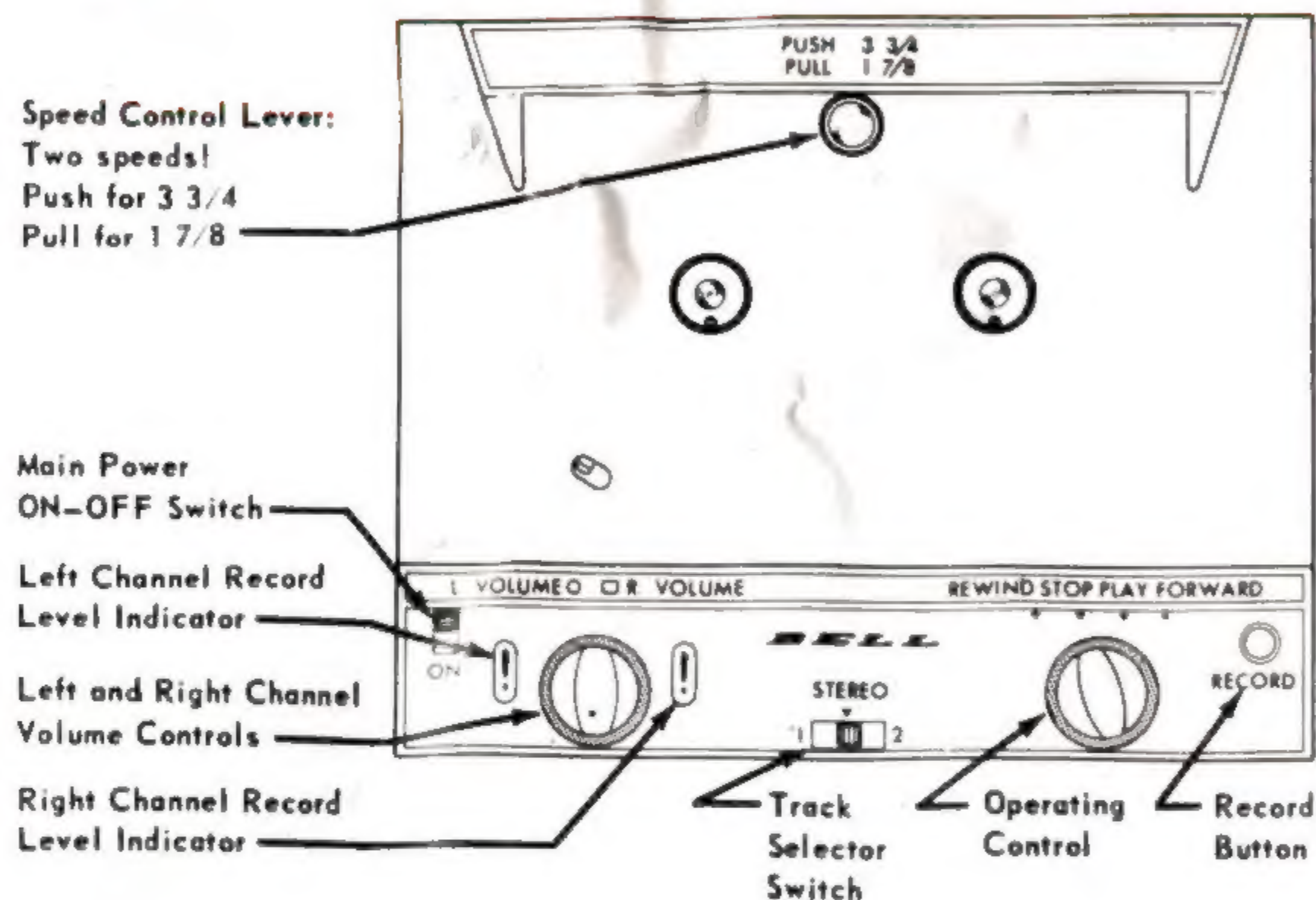
Simply by moving the Track Selector Switch between position 1 and 2, you can record *two individual tracks* on *both* sides of a tape cartridge. A total of 4 separate *monaural* tracks. Here's how.

Track Selector	Cartridge Side	Input Connection To Back of Recorder
1	1	LEFT
2	1	LEFT
1	2	RIGHT
2	2	RIGHT

With Track Selector in position 1, record on one side of cartridge, then turn cartridge over and record on the second side. Maintain all connections to the left input on back of recorder.

Now move Track Selector to position 2, change connection on back of recorder to **RIGHT** input and turn cartridge over to the first side. Turn cartridge over on the second side to make the fourth individual monaural track recording.

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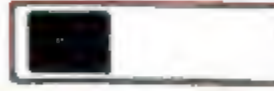
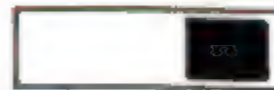
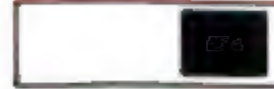
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Track Selector	Cartridge Side	Input Connection To Back of Recorder
1  2	1	LEFT
1  2	2	LEFT
1  2	1	RIGHT
1  2	2	RIGHT

With Track Selector in position 1, record on one side of cartridge, then turn cartridge over and record on the second side. Maintain all connections to the left input on back of recorder.

Now move Track Selector to position 2, change connection on back of recorder to RIGHT input and turn cartridge over to the first side. Turn cartridge over on the second side to make the fourth individual monaural track recording.

For Monaural Recording and Playback
BELLO-MATIC (Model 601)
 Tape Cartridge Recorder

Similar in every detail to the Bell-O-Matic Stereo Tape Cartridge Recorder, but with all stereo operating functions now reduced to a single monaural channel. One volume control! One Record Level Indicator! One set of inputs and outputs on rear of machine. (And, of course, only one speaker in the machine.)

Monaural Recording on 4 separate tracks of the tape cartridge is identical to the monaural operation of Model 603 described on previous page.



An extra plus . . . Plays 3" reels, too! Bell-O-Matic Tape Cartridge Recorders will play and record on 3" reels. For this purpose, you can obtain specially molded reels with recessed hubs which can be used on the Bell-O-Matic *without an adapter*. Tape on reels must be wound with the dull side out.

Tape Timing Chart for all models of Bell-O-Matic Tape Cartridge Recorders

Speed	Stereo	Monaural
3 3/4	1 hr.	2 hrs.
1 7/8	2 hrs.	4 hrs.



Ready to Go!
 Here's the Bell-O-Matic Tape Cartridge Recorder with lid in place. All models have microphone(s) for recording, stow-away extension cable, and sample Recording and Demonstration tape.



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 TAPE CARTRIDGE RECORDER
 Thompson Ramo Wooldridge Inc.

6325 Huntley Road • Columbus 24, Ohio

LITHO IN U. S. A.

No. 96P383



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Tape Timing Chart for all models of Bell-O-Matic Tape Cartridge Recorders

Speed	Stereo	Monaural
3¾	1 hr.	2 hrs.
17/8	2 hrs.	4 hrs.



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